

S-300-K-1-2

pH sensor

- Fluoride resistant
- Blocking resistant
- Higher life expectancy, given that refillable



applications



Laboratory



Process Water



Fluoride Containing Media

description

The Kuntze S-300-K-1-2 is a combination electrode for pH-measuring in fluoride containing media. The electrode is liquid KCl filled and refillable, this results in life expectancy and higher blocking resistance.

technical data

measuring parameter

pH-value 1 .. 11 pH

ambient conditions

max. pressure <1 bar pressureless
min. conductivity >50 $\mu\text{S}/\text{cm}$
temperature 0 .. +60 °C

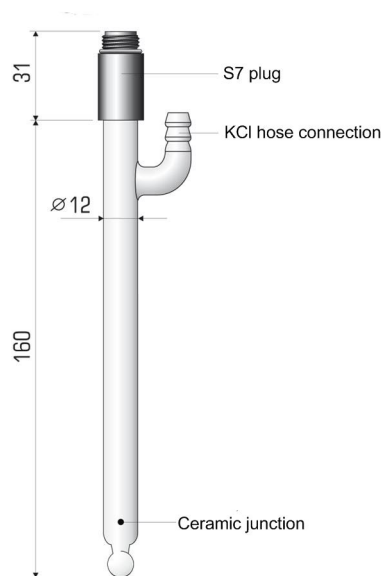


S 300-K-1-2

pH sensor

mechanical construction

junction	Ceramic
shaft material	glass
electrode material	S glass ball
reference system	Ag/AgCl/3M KCl
internal buffer	pH 7
mechanical connection	S7 plug
electrical connection	2-pole screw connection



accessories

accessories

IWA 11.4

Impedance converter - for longer distances between electrode and measuring instrument or under unfavourable installation conditions.

KCl vessel set

Vessel-set KCl liquid-filled pH or ORP sensors. The installation is possible on wall or in the immersion assembly GE 23/3.



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pH sensor

KCl-Solution 3 mol

The KCl solution (3 mol) can be used for storage or refilling of pH-sensor.
The pH-membranes need to be moistured during storage best with 3 mol KCl solution. Available in 1000 ml packaging

pH buffer solutions

The slope of pH sensors changes over the time (depending on the measuring media). We recommend a regular calibration with our buffer solutions. We offer
1000 ml packages of pH 2, pH 3,56, pH 4, pH 7, and pH 9,22, and
50 ml packages of pH 4, and pH 7.

Service-Set GE

PG screwing for sensors with 12 mm diameter. This screwing enables the installation of liquid-filled sensors in the immersion assembly GE 23/3 or in the flow assembly GD (1) VG and GD (3) VG.

